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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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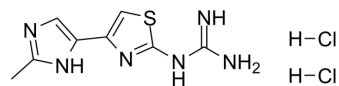
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Zaltidine dihydrochloride

Cat. No.:	HY-15541A
CAS No.:	90274-23-0
Molecular Formula:	C ₈ H ₁₂ Cl ₂ N ₆ S
Molecular Weight:	295.19
Target:	Histamine Receptor
Pathway:	GPCR/G Protein; Immunology/Inflammation; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Zaltidine (CP-5736) dihydrochloride is a highly specific H₂ receptor antagonist with antisecretion activity. Zaltidine dihydrochloride reduces the stimulant effect of histamine on gastric acid secretion by binding to histamine H₂ receptors on gastric parietal cells, thus reducing gastric acid production. Zaltidine dihydrochloride can be used in the study of gastric acid-related diseases such as duodenal ulcers^[1].

REFERENCES

[1]. Laferla G, et al. The antisecretory effects of zaltidine, a novel long-acting H₂-receptor antagonist, in healthy volunteers and in subjects with a past history of duodenal ulcer[J]. British journal of clinical pharmacology, 1986, 22(4): 395-399.

Caution: Product has not been fully validated for medical applications. For research use only.

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